# IAP3 Rec'd PCT/PTO 21 FEB 2005

PTO-1390 (Rev. 07-2005)
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TRA	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER					
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S ADDI (2017)				
INTERNAT PCT/JP20	IONAL APPLICATION NO. 04/012079	INTERNATIONAL FILING DATE 23 August 2004	PRIORITY DATE CLAIMED 22 August 2003				
TITLE OF I	NVENTION						
IMMERSION NOZZLE FOR CONTINUOUS CASTING OF STEEL AND CONTINUOUS STEEL CASTING METHOD USING SAME APPLICANT(S) FOR DO/EO/US							
Katsumi MORIKAWA, Joki YOSHITOMI, Keisuke ASANO and Saeko UCHIDA							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. X T	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. L T	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
з. 🗵 т	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
	The US has been elected (Article 31).						
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required only if not communicated by the International Bureau).						
	b. X has been communicated by the International Bureau.						
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
	a. X is attached hereto.						
-	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. X	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b. have been communicated by the International Bureau.						
	c. have not been made; however, the time limit for making such amendments has NOT expired.						
	d. X have not been made and will not be made.						
8.	An English language translation of t	the amendments to the claims under PCT A	rticle 19 (35 U.S.C. 371(c)(3)).				
9. 🗴	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	he annexes of the International Preliminary I	Examination Report under PCT				
Items	11 to 20 below concern document(	s) or information included:					
11. X	An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.					
12. X	An assignment document for record	ing. A separate cover sheet in compliance v	vith 37 CFR 3.28 and 3.31 is included.				
13. X	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15.	A substitute specification.						
16. 🔲	A power of attorney and/or change of address letter.						
17.	A computer-readable form of the sec	quence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821- 1.825.				
18.	A second copy of the published Inte	rnational Application under 35 U.S.C. 154(d	l)( <b>4</b> ).				
19.	A second copy of the English langua	age translation of the international application	on under 35 U.S.C. 154(d)(4).				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 10/569006 IPCT/JP2004/012079 7620-X06-005 20 Other items or information: **FORMAL DRAWINGS** LISTING OF PUBLICATIONS IN IDS AND COPIES OF CITED PUBLICATIONS **EXPRESS MAIL CERTIFICATION** RETURN RECEIPT POSTCARD The following fees have been submitted CALCULATIONS PTO USE ONLY 21. 🔯 Basic national fee (37 CFR 1.492(a))......\$300 300 22. Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared \$ by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......\$0 200 All other situations.....\$200 Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an \$ 400 International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB......\$400 All other situations......\$500 \$900 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets RATE Number of each additional 50 or fraction thereof (round up to a whole number) \$ - 100 = /50 = x \$250 Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration \$ after the date of commencement of the national stage (37 CFR 1.492(h)). **CLAIMS** NUMBER FILED NUMBER EXTRA RATE \$ Total claims - 20 = 0 x \$50 \$ 13 Independent claims 0 \$200 \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360 \$ **TOTAL OF ABOVE CALCULATIONS =** \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ 900 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$ 900 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ 40 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = 940.00 Amount to be \$ refunded: Amount to be \$ charged

. DO BUSTANOS.

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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
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**PATENT** 

## **ATTORNEY DOCKET NO. 7620-X06-005**

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

Katsumi MORIKAWA, Joki YOSHITOMI,

Keisuke ASANO and Saeko UCHIDA

International Application

No.:

PCT/JP2004/012079, filed August 13, 2004

**PRIORITY** 

DATA:

Japanese Application No. 2003-298232, filed

August 22, 2003

Filed:

February 21, 2006

Title:

IMMERSION NOZZLE FOR CONTINUOUS CASTING OF

STEEL AND CONTINUOUS STEEL CASTING METHOD

**USING SAME** 

#### **CERTIFICATE OF EXPRESS MAILING**

### **PATENTS**

EXPRESS "Express Mail" Mailing Label number EV853275777 US Date of February 21, 2006

I hereby certify that the attached paper(s) or fee(s) is/are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450.

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**ANGELLA JOHNSON** 

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